

ABSTRACT OF THE DISCLOSURE

A method of manufacturing an electron-emitting element (20) for emitting electrons from diamond includes the first step of forming a diamond columnar member (25) on a diamond substrate (21), and the second step of forming an electron-emitting portion (30) having a base portion (36) and a sharp-pointed portion (32) which is located closer to a distal end side than the base portion (36) and emits the electrons by performing etching processing with respect to the columnar member (25).